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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. YOR920030355US1 (8728-642)

First Inventor Lawrence Bergman

Title Alignment and Generalization of Demonstrated

Express Mail Label No. EV 413369696US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 22]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 2 ]
5. Oath or Declaration [ Total Pages \_\_\_\_\_ ]
- a.  Newly executed (original or copy)
- b.  Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
- i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of (when there is an assignee)  Attorney
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: Associate Power of Attorney

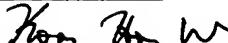
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_ /

Prior application information: Examiner \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input type="checkbox"/> Customer Number or Bar Code Label	<b>(Insert Customer No. or Attach bar code label here)</b>			<input type="checkbox"/> or <input type="checkbox"/> Correspondence address below
Name	Frank Chau, Esq.			
	F. CHAU & ASSOCIATES, LLP			
Address	1900 Hempstead Turnpike			
City	East Meadow	State	New York	Zip Code 11554
Country	USA	Telephone	516-357-0091	Fax 516-357-0092
Name (Print/Type)	Koon Hon Wong	Registration No. (Attorney/Agent)	48,459	
Signature				Date 12-5-03

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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U.S. PTO

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<b>FEE TRANSMITTAL</b> <b>for FY 2003</b>		<i>Complete if Known</i>	
		Application Number	
		Filing Date	December 5, 2003
		First Named Inventor	Lawrence Bergman
		Examiner Name	
		Art Unit	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	YOR920030355US1 (8728-642)
TOTAL AMOUNT OF PAYMENT (\$ 770.00)			

**METHOD OF PAYMENT (check all that apply)**

Check  Credit card  Money Order  Other  None

**Deposit Account:**

Deposit Account Number  
Deposit Account Name

50-0510/IBM

IBM/Yorktown Heights

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	770.00
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>		<b>(\$ 770.00)</b>	

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
19	-20** = 0		x 18	= 0	
3	- 3** = 0		x 36	= 0	
				290	= 0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		<b>(\$ 0)</b>

\*\*or number previously paid, if greater; For Reissues, see above

**3. ADDITIONAL FEES**

Large Entity	Small Entity
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Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)**

(Complete if applicable)

Name (Print/Type)	Koon Hon Wong	Registration No. (Attorney/Agent)	48,459	Telephone 516-357-0091
Signature				
Date	12-5-03			

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Mail Stop Patent Applications  
Commissioner for Patents  
PO Box 1450  
Alexandria VA 22313-1450

ATTORNEY DOCKET NO. YOR920030355US1 (8728-642)  
Date: December 5, 2003  
Express Mail Label: EV 413369696US  
Date of Deposit: December 5, 2003

Sir

Transmitted herewith for filing is the Patent Application of:

Inventors: Lawrence Begman, Vittorio Castelli, Tessa A. Lau, Daniel A. Oblinger

For: ALIGNMENT AND GENERALIZATION OF DEMONSTRATED PROCEDURE TRACES

Enclosed are: [X] 18 sheets of specification; [X] 1 sheet(s) of Abstract; [X] 6 sheet(s) of claims; [X] 2 sheet(s) of drawing(s);

- [ ] An assignment of the invention to: International Business Machines Corporation, Armonk, New York,  
with Recordation Form.
- [ ] Declaration and Power of Attorney.
- [ ] A certified copy of a \_\_\_\_\_ Application No. dated \_\_\_\_\_ from which priority under Title 35 USC §119 is claimed.
- [ ] Associate Power of Attorney.

The filing fee has been calculated as shown below:

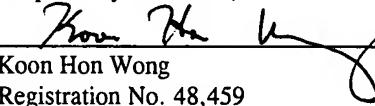
FOR:	(Col. 1) NO. FILED	(Col. 2) NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	19 -20 =	0
INDEP CLAIMS	3 -3 =	0
MULTIPLE DEPENDENT CLAIMS PRESENTED		

If the difference in Col. 1 is less than zero, enter "0"  
in Col. 2.

OTHER THAN A SMALL ENTITY	
RATE	FEE
	\$ 770.00
X \$18 =	\$ .00
X \$86 =	\$ .00
+ 290 =	
TOTAL	\$ 770.00

- [ ] Checks in the amount of \$\_\_\_\_ and \$\_\_\_\_ to cover the filing fee(s) and recording fee are enclosed.
- [X] Please charge my Deposit Account No. 50-0510/IBM (Yorktown Heights) in the amount of \$770.00
- [X] The Commissioner is hereby authorized to charge payment of the following fees  
associated with this communication or credit any overpayment to  
Deposit Account No. 50-0510/IBM (Yorktown Heights). A duplicate copy of this sheet is enclosed.
- [X] Any additional filing fees required under 37 CFR 1.16.
- [X] Any patent application processing fees under 35 CFR 1.17.

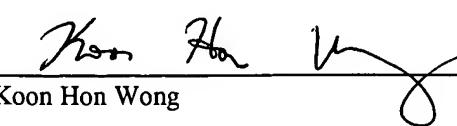
By:

Respectfully submitted,  
  
Koon Hon Wong  
Registration No. 48,459  
Attorney for:  
IBM Corporation  
Intellectual Property Law Dept.  
P.O. Box 218  
Yorktown Heights, NY 10598

Please address all  
correspondence to:  
F. CHAU & ASSOCIATES, LLP  
1900 Hempstead Turnpike, Suite 501  
East Meadow, NY 11554  
Tel: (516) 357-0091  
Fax: (516) 357-0092

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this Application transmittal and the documents referred to as enclosed are being deposited with the United States Postal Service on this date December 5, 2003 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV413369696US addressed to: Commissioner for Patents, Mail Stop Patent Application, PO Box 1450, Alexandria, VA 22313-1450.

  
Koon Hon Wong